

# Converting Colors

Hex(B81285)

Have a look what the booklet for  
Hex(B81285) contains.

<b>Hex(B81285)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(B81285)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B81285
RGB	184, 18, 133
RGB Percent	72%, 7%, 52%
CMY	0.2784, 0.9294, 0.4784
CMYK	0.00, 0.90, 0.28, 0.28
HSL	318°, 82%, 40%
HSV	318°, 90%, 72%
XYZ	24.2171, 12.3164, 23.2912
YIQ	80.7440, 62.0210, 70.9570

# Conversions

## Conversions Part 2

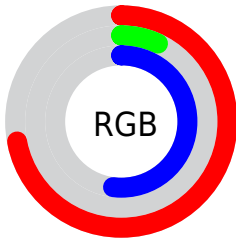
<b>Format</b>	<b>Color</b>
<b>RYB</b>	184, 18, 133
Decimal	12063365
CIELab	41.71, 68.21, -20.10
CIElCh	42, 71.110, 343.578
Yxy	12.3164, 0.4048, 0.2059
Android (android.graphics.Color)	4290253445 (0xFFB81285)
YUV	80.7440, 25.7622, 90.5555
Hunter-Lab	35.0948, 61.7580, -14.7825

# Details

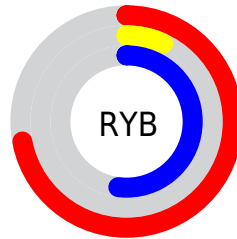
The Hex color **B81285** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **12B845**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **F45ABA**, and **7E0053** is the 20% darker color. If you saturate the color by 10%, you get **B8007F**, and if you desaturate by 10%, it is **B8248B**.

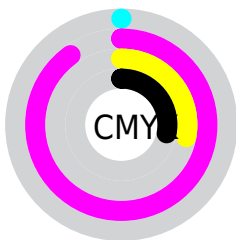
# Distribution



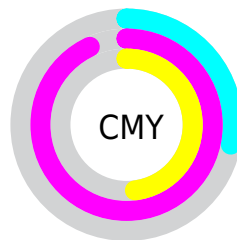
- Red (72%)
- Green (7%)
- Blue (52%)



- Red (72%)
- Yellow (7%)
- Blue (52%)



- Cyan (0%)
- Magenta (90%)
- Yellow (28%)
- Black (28%)



- Cyan (28%)
- Magenta (93%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B81285 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color B81285 by changing the saturation by 10% instead.



 B81285

 B81285

FFFFFF

 9B006C

 F45ABA

 7E0053

 FF77D6

 61003C

 FF94F3

 470026

 FFB1FF

 2B000F

 FFCEFF

 000000

 FFECFF

 B81285

 B81285

 B8007F

 B8248B

 B83790

 B84996

 B85C9C

 B86EA1

 B880A7

 B893AD

 B8A5B2

 B8B8B8

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



8343B8



B81285



C6004B

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



B81285



606800



007AB3

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



B81285



12B845

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



007B7C



B81285



007300

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



B81285



925400



00793F



0072D4

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



B81285



BE2325



00793F



007AA2



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



B81285



F0AFDC



4412B8



78516C



F7F7F7



787878



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



B81285



F000A6



B81233



5C5359



9C006C



1C0013



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



B81285



F000A6



12B897



5C5359



9C006C



1C0013



# Previews

## White Background



This preview shows how the Hex color B81285 looks on a white background.

## Color Contrast Check

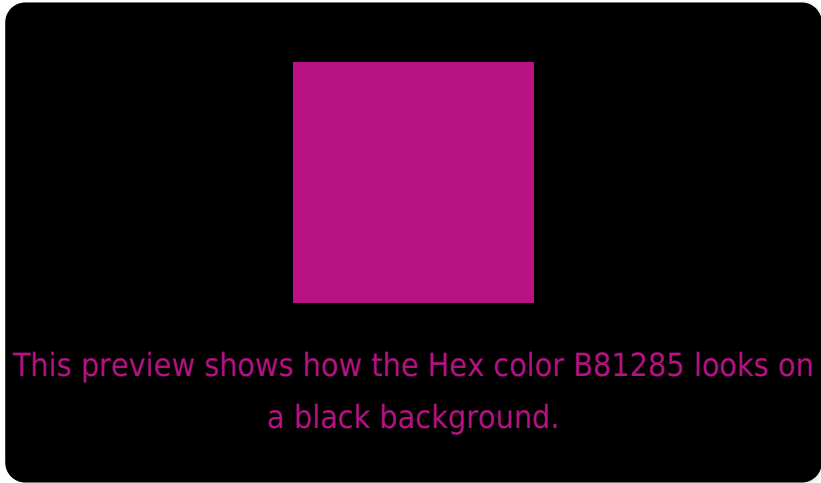
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

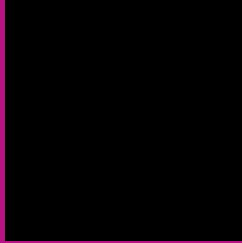
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B81285 Background



This preview shows how black text looks on a background with the Hex color B81285.

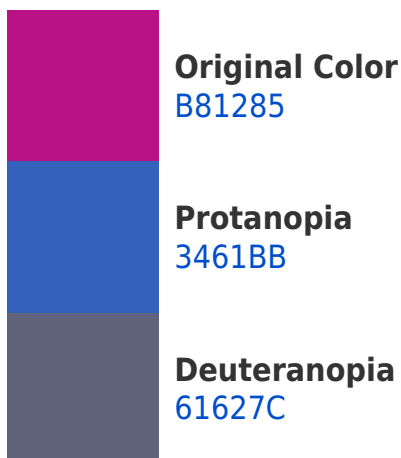


This preview shows how white text looks on a background with the Hex color B81285.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**  
B81285



**Protanomaly**  
6444A7



**Deuteranomaly**  
81457F



**Tritanomaly**  
B42955

# Monochromacy



**Original Color**  
B81285



**Achromatopsia**  
515151



**Achromatomaly**  
763A64

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B81285 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #B81285 looks like.

```
.text, #text, p{  
    color:#B81285  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #B81285 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B81285
}
```

## Border

The CSS property to change the border of an element to Hex B81285 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B81285 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#B81285 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #B81285 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B81285; -webkit-box-shadow:4px 4px  
4px 4px #B81285; box-shadow:4px 4px 4px  
4px #B81285 }
```

# Background

The CSS property to change the background color of an element to Hex B81285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B81285 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#B81285 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor